

Abstract**METHOD FOR THE PRODUCTION OF CHITIN DEACETYLASE**

In a first aspect, the present invention relates to a recombinant fungal strain, capable
5 of expressing chitin deacetylase, which includes an expression vector that contains a nucleic
acid molecule encoding chitin deacetylase, a suitable promoter and a transcription terminator.
In particular, the present invention provides a recombinant *Aspergillus oryzae* strain capable
of expressing chitin deacetylase obtained from *Mucor rouxii*. The present invention also
relates to a method for producing chitin deacetylase by a recombinant fungal strain. In a
10 second aspect, the present invention relates to a recombinant yeast strain, capable of
expressing chitin deacetylase, which includes an expression vector that contains a nucleic
acid molecule encoding chitin deacetylase, a suitable promoter and a transcription terminator.
In particular, the present invention provides a recombinant *Pichia pastoris* strain capable of
expressing chitin deacetylase obtained from *Mucor rouxii*. The present invention also relates
15 to a method for producing chitin deacetylase by a recombinant yeast strain. The present
invention further relates to purified recombinant chitin deacetylase enzyme.